

**Hernandez, Nelson**

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**From:** Frommer, William [WFrommer@flhlaw.com]  
**Sent:** Monday, March 09, 2009 5:15 PM  
**To:** Hernandez, Nelson  
**Subject:** App. Ser. No. 10/528,401  
**Attachments:** 450100-05167 Ex. Amend.doc

Dear Mr. Hernandez,

As we just discussed, attached are the corrections to claims 5 and 10, as filed on Feb. 26. These claims as filed on Feb. 26 inadvertently omitted portions. No changes were made to claims 5 and 10 filed on Feb. 26 from claims 5 and 10 filed on Dec. 31. Hence, the attached claims 5 and 10 are labeled "corrected," and the omitted recitations are added in bold type.

Claim 9, as filed on Feb. 26, inadvertently omitted the word "comprising" from the preamble. Since this word also was omitted from claim 9 as filed on Dec. 31, the attached claim 9 is labeled "amended" and we added "comprising" to the preamble.

Let me know if you would like anything further from us.

Respectfully,  
William S. Frommer

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3/10/09

Applicants: Katsumi KANEKO et al.  
Serial No.: 10/528,401  
Filed: March 17, 2005  
For: IMAGE PICK-UP DEVICE AND SYNCHRONIZATION-  
SIGNAL-GENERATING DEVICE  
Examiner: Nelson D. Hernandez  
Art Unit: 2622  
Confirmation: 2507

**PROPOSED CORRECTIONS/AMENDMENTS**  
**TO THE CLAIMS**

5. (Corrected) An image pick-up device comprising:

image signal generation means for generating an image signal of a variable frame-rate picked-up image;

drive-and-control means for driving and controlling the image signal generation means;

setting information generation means for generating image pick-up setting information to generate an image signal which is frame-synchronized with the image signal generated by the image signal generation means;

output means for outputting the image signal generated by the image signal generation means and the image pick-up setting information; and

holding means for holding a frame rate alteration pattern,

**wherein when reading the frame rate alteration pattern held in the holding means and instructing a frame rate in accordance with this read frame rate alteration pattern to vary a frame rate of the variable frame-rate picked-up image, the setting information**

**generation means makes information indicating the read frame rate alteration pattern included in the image pick-up setting information; and**

wherein the drive-and-control means drives and controls the image signal generation means, starting from a frame of the variable frame-rate picked-up image that is given first after the image pick-up setting information is output, by setting the instructed frame rate as a frame rate of the variable frame-rate picked-up image.

9. (Examiner's Amendment) An image pick-up device comprising:

image signal generation means for generating an image signal of a variable frame-rate picked-up image; and

drive-and-control means for receiving image pick-up setting information to generate an image signal that is frame-synchronized with the image signal of a reference variable frame-rate picked-up image, and controlling a driving operation of the image signal generation means based on this image pick-up setting information, thereby frame-synchronizing the image signal generated by the image signal generation means with the image signal of the reference variable frame-rate picked-up image.

wherein, if the image pick-up setting information contains information of a scan line position and a pixel position, the drive-and-control means synchronizes an image signal generated by the image signal generation means with the scan line position and the pixel position.

10. (Corrected) An image pick-up device comprising:

image signal generation means for generating an image signal of a variable frame-rate picked-up image;

drive-and-control means for receiving image pick-up setting information to generate an image signal that is frame-synchronized with the image signal of a reference variable frame-rate picked-up image, and controlling a driving operation of the image signal generation means based on this image pick-up setting information, thereby frame-synchronizing the image signal generated by the image signal generation means with the image signal of the reference variable frame-rate picked-up image; and

holding means for holding a frame rate alteration pattern,

wherein, if the image pick-up setting information includes information which is used to read the frame rate alteration pattern, the holding means reads the frame rate alteration pattern indicated by this information and instructs a frame rate in accordance with this read frame rate alteration pattern; and

**wherein the drive-and-control means drives the image signal generation means, starting from a frame of the variable frame-rate picked-up image that is given first after the image pick-up setting information is input, by setting the frame rate instructed by the holding means as a frame rate of the variable frame-rate picked-up image.**